



BISMARCK POLICE DEPARTMENT

Crime and Traffic Analysis Report

2017



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INTRODUCTION

The 2017 Bismarck Police Department Crime and Traffic Analysis Report is a consolidation of information primarily retrieved from the Records Management System (RMS) and Computer Aided Dispatch (CAD).

The Bismarck Police Department is required to report our crime statistics to State and Federal agencies by law. The reporting system we use is called NIBRS (National Incident Based Reporting System). NIBRS breaks crimes down into Group "A", Group "B", and Group "C" categories. Group A includes a further breakdown of: Crimes Against Persons and Crimes Against Property.

The information contained in this analysis document is a result of the collection of annual data, using the NIBRS standards. The statistical representation depicted in the following tables for Group A, B, and C offenses are the number of actual offenses reported to the Bismarck Police Department. The following tables do not address the dispositions of the reported offenses. All reported offenses are entered into the Records Management System by trained Records Technicians. NIBRS only requires Groups "A" and "B" to be reported to State and Federal agencies.

Specific information provided for NIBRS Group A, B, and C offenses are tabulated by Administrative Services.



2017 HISTORICAL PERSPECTIVE ON GROUP A OFFENSES

Group A offenses consist of the serious crimes against persons, generally felonies by statute; some crimes of vice to include gambling, prostitution and drug offenses; and larcenies which also include fraud. The NIBRS reporting requirements for these offenses are much more extensive than for the offenses classified in Group B and Group C.

Crimes Against Persons

Group A Offenses	2013		2014		2015		2016		2017		%Change 2016-2017
Murder	1		1		1		2		0		-100.00%
Manslaughter	0		0		0		0		0		*N/C
Forcible Rape	24		25		24		39		46		17.95%
Forcible Fondling	70	54	77	59	95	53	82	53	77	56	-6.10%
Forcible Sodomy		1		1		6		10		3	
Incest		2		1		3		0		0	
Statutory Rape		13		16		35		19		18	
Aggravated Assault	142		132		120		142		158		11.27%
Simple Assault	829	687	714	612	946	796	920	781	915	785	-0.54%
Intimidation		118		86		124		114		113	
Stalking		24		16		26		25		17	
Kidnapping¹	9		10		20		13		11		-15.38%
Human Trafficking²									2		*N/C
TOTAL	1,076		959		1,206		1,198		1,209		0.92%

*Not Calculable

¹ Kidnapping includes Felonious Restraint and Human Trafficking prior to 2017

² Human Trafficking is tracked separately beginning in 2017

In 2017 there was a 17.95% increase in the number of forcible rape crimes reported. The majority of reported sex crimes were reported as Forcible Fondling incidents. Statutory rape reports decreased from 19 in 2016 to 18 in 2017. The great majority of the incidences of sexual assault involve situations in which the victim knows or is acquainted with the perpetrator.

Aggravated assault cases increased 11.27% from 2016. Alcohol was involved in 32.28% of the total Aggravated Assaults. When broken down into Domestic Aggravated Assaults there were 36.54% that involved alcohol. Lesser offenses of personal (simple) assault decreased from 2016 by a total of 0.54%.

Domestic Violence continues to be a primary concern due to its frequency and percentage of the assault reports received by the department. Of the 158 aggravated assaults in 2017, 52 (32.91%) were related to domestic violence. Of the 785 simple assaults in 2017, 204 (25.99%) were related to domestic violence. Of those 204 domestic simple assaults, there were 85 or 41.66% of the total domestic simple assaults involved alcohol. Assaults related to domestic violence comprised approximately 27.15% of the total assault reports in 2017.



Stalking and Harassment reports were separated in 2011 because Stalking is a more serious offense than Harassment. By separating the two it made it easier to keep track of Stalking reports. Harassment is now classified under the All Other Offenses in the Group B Offenses.

Human Trafficking was included in Kidnapping/Abduction charges prior to 2017. Almost every prostitution case could be considered human trafficking, but rarely do they get charged out because of lack of cooperation. We investigated two human trafficking case this year, compared to one in 2016. Both of the cases were cleared by arrest.

Crimes Against Property

Group A Offenses	2013		2014		2015		2016		2017		%Change 2016-2017
Arson	6		3		4		6		5		-16.67%
Burglary	322		214		348		399		296		-25.81%
Counterfeit/Forgery	79		105		107		109		218		100.00%
Fraud-False Pretenses	309	118	389	142	504	212	331	193	392	222	18.43%
Fraud-Credit Card		96		126		98		100		127	
Fraud-Impersonation		87		112		186		34		37	
Fraud-Wire Fraud		8		9		8		4		6	
Destruction/Damage/Vand	578		628		715		742		609		-17.92%
Possession of Stolen Property	15		23		65		81		69		-14.81%
Robbery	15		14		23		29		34		17.24%
Motor Vehicle Theft	112		126		154		309		219		-29.13%
Pocket Picking	1379	7	1480	4	2042	2	1801	1	1969	1	9.33%
Shoplifting		398		456		603		558		884	
Theft from Building		343		371		427		424		337	
Theft from Coin Machine		0		3		4		5		6	
Theft from Motor Vehicle		265		254		571		305		236	
Theft of MV Parts		44		45		48		59		50	
Other Theft/Larceny		322		347		387		419		455	
Drug/Narcotic Violation	616		698		736		753		900		19.52%
Drug Paraphernalia/Equip	575		655		734		757		803		6.08%
Embezzlement	28		37		42		44		57		29.55%
Gambling Offenses	1		0		0		1		0		-100.00%
Pornography/Obscenity	22		28		39		32		42		31.25%
Prostitution	2		7		26		10		30		200.00%
Weapon Law Violations	57		57		60		83		72		-13.25%
TOTAL	4,116		4,464		5,599		5,487		5,715		4.16%

*Not Calculable



Group A property crimes for 2017 increased overall by 4.16%. Possession of Stolen Property offenses were down 14.81% from 2016. Vandalism offenses decreased 17.92%. Motor Vehicle Theft decreased 90 offenses which is a 29.13% decrease from 2016. Burglary offenses decreased 25.81% in 2017.

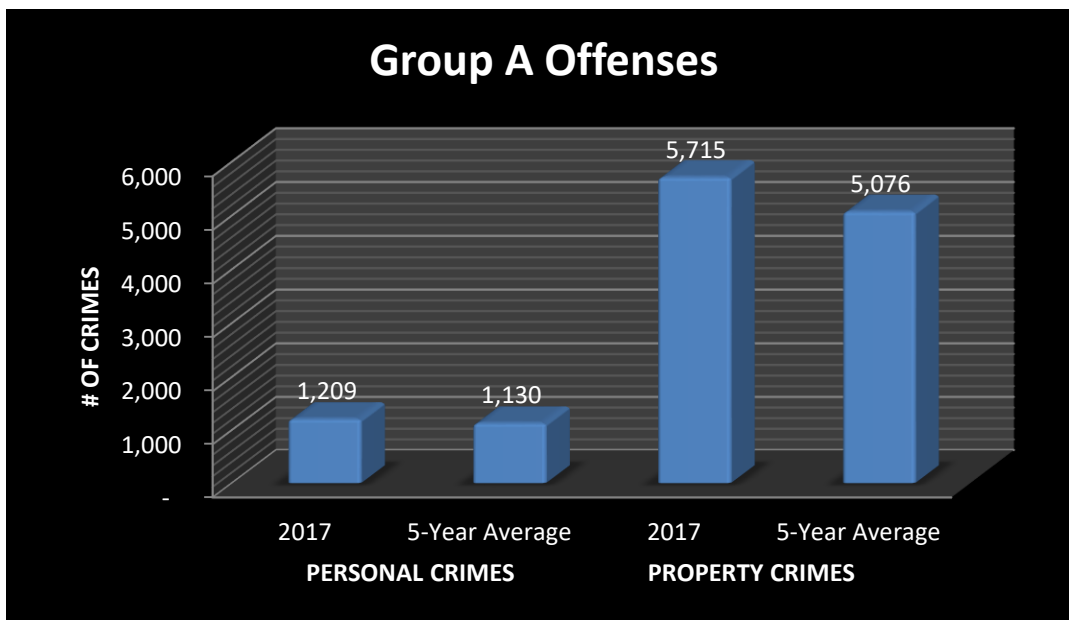
Drug/Narcotic Violation offenses increased 19.52%; Drug Paraphernalia/Equipment offenses also increased 6.08%.

Looking at the calls for service for Drug/Narcotic Violations 72.53% were self-initiated.

Group A Offenses, **Crimes Against Persons** increased 0.92% from 2016. This year's numbers are above the 5-year average (1,209 reported in 2017 compared to the 5-year average of 1,130).

Group A, **Crimes Against Property** increased 4.16% from 2016. This year's numbers are above the 5 year average (5,715 reported in 2017 compared to the 5-year average of 5,076).

The chart below shows the comparison for Group A Offenses (Persons and Property) for 2017 with that of the five year average.



- The total of 2017 **Personal Crimes** is 7.03% above the 5 Year Average.
- The total of 2017 **Property Crimes** is 12.58% above the 5 Year Average.
- Overall, Group A Offenses, Personal and Property combined increased 239 offenses or 3.58% from 2016 to 2017.
- The population for Bismarck 2017 was approximately 72,417 which is about a 1.76% increase from 2015.
- The Personal Crimes for Group A Offenses per capita is 16.7 crimes per 1000 people, compared to 2016 this is a decrease of 0.1%.



- The Property Crimes for Group A Offenses per capita is 78.9 crimes per 1000 people, compared to 2016 this is an increase of 1.82%.

HISTORICAL PERSPECTIVE ON GROUP B OFFENSES

Group B Offenses

Group B Offenses	2013	2014	2015	2016	2017	%Change 2016-2017
Bad Checks	2	0	2	2	4	100.00%
Family Non-Violent	111	105	142	128	112	-12.50%
DUI	514	538	514	506	590	16.60%
Liquor Laws	223	166	132	114	115	0.88%
Drunkenness (Detox)	617	563	450	384	344	-10.42%
Disorderly Conduct	624	577	629	524	508	-3.05%
Peeping Tom	8	5	6	7	3	-57.14%
Trespassing	234	215	296	292	353	20.89%
Curfew	22	25	22	13	15	15.38%
Runaway	133	106	149	134	169	26.12%
All Other Offenses*	820	894	1014	1023	1069	4.50%
TOTAL	3,308	3,194	3,356	3,127	3,282	4.96%

In the NIBRS coding, Group B offenses are generally misdemeanor offenses that usually become reported to the police when an arrest is made. The reporting requirements are considerably less stringent than those for Group A offenses, however, any arrests must be reported.

Group B offenses increased overall by 4.96% in 2017. The largest decrease was seen in the Peeping Tom category with a decrease of 57.14%. Drunkenness decreased 10.42% from 2016.

The overall increase in Group B Offenses was 155 offenses.

*There are over 200 different offenses in this category. They include but are not limited to Failure to Control or Report Fire, Hazing, Kill or injure police dog, Reckless Endangerment, Deny Exercise of Civil Rights, Discrimination in Public, False 911 Emergency Report, Harassing Phone Call/letter, Harassment of 911 Emergency, Interfere w/Telephone during Emergency Call – Intentional, Interfere w/phone during Emergency Call – Knowingly/Reckless, Obscene Phone Call, Criminal Facilitation, Criminal Solicitation, Disobedience of Judicial Order, Failure to Appear, to produce information, or to be sworn, False Statement, Offender Registration - sex offender fail to register, Perjury, Tampering with Evidence, Tampering with Witness, Violation of Domestic Violence Protection Order, Violation of Disorderly Conduct Restraining Order, Adult use minor to aid/assist in manf/delivery or possess w/intent drug offense, Controlled Subst. Exposure to Children and Vulnerable Adult - causing death, Inhalation of Vapors - Volatile Chemicals, Maintain place for illegal drug consumption, storage, or sale, Retail sale of non-liquid methamphetamine precursor drugs, Over the Counter Sale - greater - 2 packages meth precursor drugs, Over the counter sale meth precursor drug to person - less – 18, Child Procurement, Contribute to Deprivation of Minor - less than 16 - Sexual Conduct, Contribute to Deprivation or Delinquency of Minor, Criminal Street Gang Crime, Recruit Street Gang Members, Purchasing Dead Human Body, Unlawful Removal of Dead Human Body, Hunting/Trapping/Fishing Laws, Illegal Alien, Escape, Fail to Appear after release - Bail jump on felony or conviction, Military - AWOL, Desertion, False Statement under Oath, Aid Consummation of Crime, Disarm Law Enforcement Officer, False Info to Law Enforcement, Fleeing a Police Officer, Harboring Runaway Minor, Hindering Law Enforcement, Obstruct Government Function, Possess/Introduce Firearm, or other dangerous weapon to escape, Prevent arrest on felony charge, Prevent arrest on misdemeanor or infraction charge, Tampering with Informant, Disclosure of Confidential Information, Permitting Escape, Inciting to Riot, Bigamy, Deviate Sexual Act, Fornication in Public, Indecent Exposure, Luring Minor by Computer, Sexual Abuse of Ward, Sexual Exploitation by Therapist, Solicitation of Minor, Possession of Altered Property, Sale of Tobacco to Minor, Use of Tobacco by Minor, Own/Operate/Conduct Chop Shop, Treason, Tamper with, disable or falsely sound fire alarm, Tamper with or disable fire suppression equipment, Truancy



HISTORICAL PERSPECTIVE OF GROUP C OFFENSES

Group C Offenses (Reports Generated)

Group C Offenses	2013	2014	2015	2016	2017	% Change 2016-2017
Missing Persons	28	26	57	54	50	-7.41%
Alarm Calls	1	3	4	1	1	0.00%
Door Found Open	1	2	4	5	0	-100.00%
Fire Calls	32	33	29	27	37	37.04%
Non Veh. Accidents	0	1	0	0	0	*N/C
Suicide - Attempted	54	55	43	58	57	-1.72%
Suicide - Completed	14	21	18	9	18	100.00%
Unattended Deaths	65	49	54	63	73	15.87%
Ambulance Requests	46	49	80	74	94	27.03%
Found Property	375	442	465	455	505	10.99%
Lost Property	107	124	152	128	124	-3.13%
Mental Cases	65	60	94	58	57	-1.72%
MV Recovered/Other Agency	9	1	8	8	9	12.50%
Domestic Disputes	151	162	216	218	194	-11.01%
Other Family	5	5	6	13	9	-30.77%
Dumping Garbage	0	1	2	1	2	100.00%
Hazardous Materials	0	0	1	0	2	*N/C
Littered Yard	1	3	0	1	2	100.00%
Other Health/Safety	1	6	5	6	8	33.33%
Animal Bites	43	59	68	44	58	31.82%
Animal Call, Other	602	606	657	628	609	-3.03%
Loitering	2	1	0	1	0	-100.00%
Loud Party	21	25	25	12	16	33.33%
Warrant for Other Agency	580	632	840	1037	1171	12.92%
Other Warrant Reports	2129	1297	1629	1846		-100.00%
Other Public Peace	67	97	134	140	133	-5.00%
Vehicle Impounds	349	334	447	497	430	-13.48%
Other Traffic Reports	2177	2038	1609	1859	2345	26.14%
Civil Process/Notice to Quit	63	44	56	57	55	-3.51%
TOTAL	6920	6176	6703	7300	6059	-17.00%

*Not Calculable

NIBRS uses the Group C category to collect those offenses in which Society may be the victim. These include offenses against the public order, health code violations and animal type situations.

When compared to 2016 Group C offenses decreased by 17% in 2017. The greatest percent of change was recorded in categories with fewer reports overall. Some of the highest percentage increases were a 100% increase for Suicide – completed, Dumping Garbage, and Littered Yard. Domestic Disputes decreased 11.01% in 2017. There were 1,650 Calls for Service for Domestic Violence in 2017 compared to 1,777 calls in 2016. This shows a decrease of 7.70%. This is particularly significant as the Department holds Domestic Violence incident response as a high priority.



ADULT ARREST ANALYSIS

Offenses	2013	2014	2015	2016	2017	% Change 16-17	% Change from 5 yr Avg
Aggravated Assault	81	82	70	70	72	2.86%	-4.00%
All Other (Group B)	496	644	814	875	862	-1.49%	16.77%
Animal Call	13	11	41	38	8	-78.95%	-63.96%
Arson	1	2	1	1	3	200.00%	87.50%
Bad Checks	-	-	-			#DIV/0!	*N/C
Bribery	-	-	-			#DIV/0!	#DIV/0!
Burglary	31	25	24	32	36	12.50%	21.62%
Counterfeit - Forgery	21	24	28	22	41	86.36%	50.74%
Dest/Damage/Vandalism	65	68	110	108	90	-16.67%	2.04%
Disorderly Conduct	201	201	203	206	186	-9.71%	-6.72%
Drug Equip Violation	587	721	712	742	739	-0.40%	5.54%
Drug Violation	641	793	730	829	924	11.46%	17.95%
Dumping Garbage	-	-	-			#DIV/0!	*N/C
DUI/APC	508	531	508	499	589	18.04%	11.76%
Embezzlement	8	18	19	22	21	-4.55%	19.32%
Extortion/Blackmail	-	1	-			#DIV/0!	-100.00%
Family, Nonviolent	39	38	61	46	42	-8.70%	-7.08%
Fire Call	-	-	-			#DIV/0!	*N/C
Forcible Fondling	6	7	6	7	6	-14.29%	-6.25%
Forcible Rape	4	4	2	1	5	400.00%	56.25%
Forcible Sodomy	-	-	-	1	-	-100.00%	-100.00%
Fraud - Credit Card	7	16	4	10	10	0.00%	6.38%
Fraud - False Pret/Swindle	47	50	73	82	80	-2.44%	20.48%
Fraud - Impersonation	7	16	14	11	16	45.45%	25.00%
Human Trafficking					3	N/C	N/C
Intimidation	58	60	59	58	58	0.00%	-1.02%
Kidnapping/Abduction	5	5	11	9	8	-11.11%	5.26%
Liquor Law Violations	250	182	125	119	133	11.76%	-17.80%
Littered Yard	-	2	-		-	#DIV/0!	-100.00%
Loud Party	26	1	3	8	2	-75.00%	-75.00%
Motor Vehicle Theft	19	29	34	52	31	-40.38%	-6.06%
Murder/Non-Neg M/S	2	1	-	2	-	-100.00%	-100.00%
Other Health/Safety	-	-	-		-	#DIV/0!	*N/C
Other Traffic	2,584	2,356	1,700	1,950	2,569	31.74%	15.11%
Peeping Tom	1	1	-	2	2	0.00%	66.67%
Porno/Obscene Materials	9	11	3	6	10	66.67%	28.21%
Prostitution	2	11	22	6	16	166.67%	40.35%
Robbery	6	5	3	13	12	-7.69%	53.85%
Shoplifting	284	326	431	372	575	54.57%	44.62%



Simple Assault	257	234	286	309	320	3.56%	13.80%
Stalking	10	2	7	3	2	-33.33%	-58.33%
Statutory Rape	3	4	11	6	6	0.00%	0.00%
Stolen Property	19	16	56	70	51	-27.14%	20.28%
Theft - All Other	54	47	52	44	56	27.27%	10.67%
Theft - from Building	48	41	47	64	50	-21.88%	0.00%
Theft - from M/V	25	10	27	28	24	-14.29%	5.26%
Theft - M/V Parts/Access	-	1	-	5	2	-60.00%	25.00%
Trespass	142	132	196	240	269	12.08%	37.39%
Weapon Laws	44	48	37	66	47	-28.79%	-2.89%
Total Arrest Charges for Year	6,611	6,777	6,530	7,034	7,976	13.39%	14.18%

*Not Calculable

The arrest data shown above is for the arrests of adults only. Juvenile arrest data will be shown in the following section. Total adult arrest Charges for 2017 increased 13.39% from 2016. Total adult arrest charges for 2017 is above the 5 year arrest average. A variety of factors affect the arrest rate, to include:

- 1) Special enforcement emphasis in certain areas, such as grant funded DUI enforcement projects;
- 2) Department priority, such as increased emphasis on crimes of drug violations due to increased occurrence of these offenses; and,
- 3) Limitation on officer time to perform proactive enforcement due to increased time on calls for service and other demands on officer time.

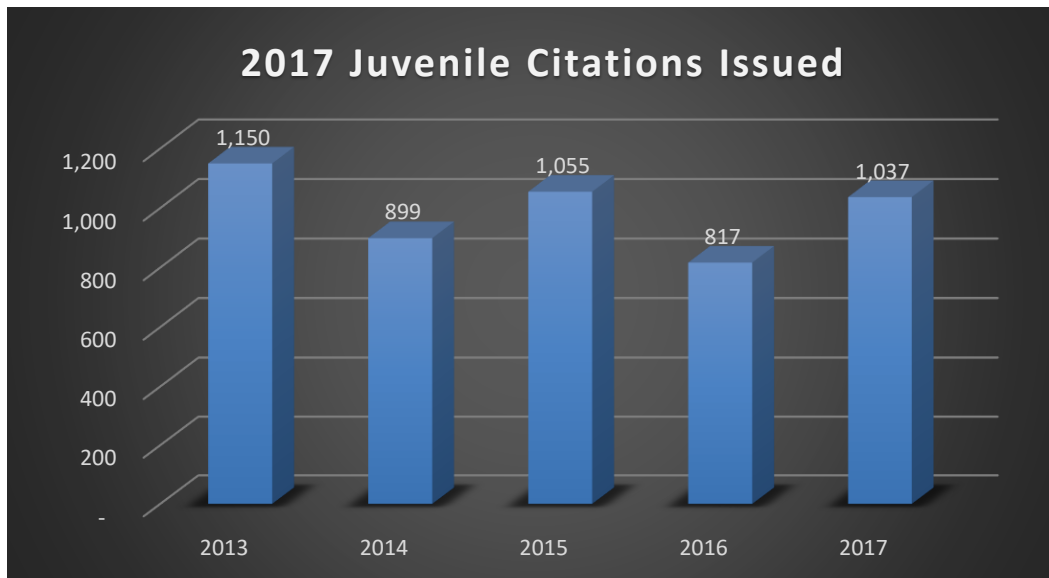
There were 5,757 individuals arrested in 2017 compared 4,958 individuals arrested in 2016, this is an increase of 16.05%. Starting in 2012 criminal traffic arrests (Other Traffic) was counted as arrests; this includes No Liability Insurance, Driving Under Suspension/Revocation and other arrest-able traffic violations.



JUVENILE OFFENSE CITATION ANALYSIS

Offenses	2013	2014	2015	2016	2017	% change 16-17	% change from 5 yr avg
Aggravated Assault	2	2	4	6	9	50.00%	157.14%
All Other (Class B)	209	144	165	107	173	61.68%	10.72%
Animal Call Other	1	0	0	0	1	*N/C	300.00%
Arson	0	0	0	0	2	*N/C	#DIV/0!
Burglary/B&E	5	4	3	3	6	100.00%	60.00%
Counterfeit/Forgery	1	0	0	0	1	*N/C	300.00%
Curfew/Loitering/Vagrancy	36	41	47	25	29	16.00%	-22.15%
DUI/APC	6	7	5	5	1	-80.00%	-82.61%
Dest/Damage/Vandal	30	33	29	30	31	3.33%	1.64%
Disorderly Conduct	231	136	177	144	120	-16.67%	-30.23%
Drug Equip Viol	53	65	69	42	58	38.10%	1.31%
Drug Violation	106	99	112	68	115	69.12%	19.48%
Embezzlement	2	3	1	3	3	0.00%	33.33%
Extortion/Blackmail	0	0	0	0	0	*N/C	*N/C
Family, Nonviolent	1	0	0	0	0	*N/C	-100.00%
Fire Call	0	0	0	0	0	*N/C	*N/C
Forcible Fondling	1	1	2	2	1	-50.00%	-33.33%
Forcible Rape	0	1	0	0	0	*N/C	-100.00%
Forcible Sodomy	0	0	0	0	0	*N/C	*N/C
Fraud-Credit Card	0	0	1	0	1	#DIV/0!	300.00%
Fraud-False Pret/Swindle	0	1	1	0	3	#DIV/0!	500.00%
Fraud-Impersonation	2	0	2	2	2	0.00%	33.33%
Incest	0	0	1	0	0	#DIV/0!	-100.00%
Illegal Alien	0	0	0	0	0	*N/C	*N/C
Intimidation	10	5	6	6	11	83.33%	62.96%
Kidnapping/Abduction	0	0	0	0	0	*N/C	*N/C
Liquor Law Violations	83	57	63	42	71	69.05%	15.92%
Loud Party	0	0	0	0	0	*N/C	*N/C
Motor Vehicle Theft	1	1	6	5	5	0.00%	53.85%
Other Public Peace	0	0	0	0	0	*N/C	*N/C
Other Traffic	48	35	27	29	22	-24.14%	-36.69%
Peeping Tom	0	0	1	1	0	-100.00%	-100.00%
Porno/Obscene Materials	0	3	4	4	10	150.00%	263.64%
Robbery	1	0	0	0	1	*N/C	300.00%
Runaway	122	97	140	112	153	36.61%	29.94%
Simple Assault	53	28	53	53	52	-1.89%	11.23%
Stalking	0	2	0	0	0	*N/C	-100.00%
Statutory Rape	1	0	2	1	1	0.00%	0.00%
Stolen Property	8	6	3	9	2	-77.78%	-69.23%
Theft-All Other	5	11	2	7	4	-42.86%	-36.00%
Theft-From Building	16	21	17	19	6	-68.42%	-67.12%
Theft-From Coin Machine	0	0	0	0	0	*N/C	*N/C
Theft-From Motor Veh	3	1	1	4	2	-50.00%	-11.11%
Theft-M/V Parts/Access.	1	5	0	0	0	*N/C	-100.00%
Theft-Shoptlifting	84	73	91	74	121	63.51%	50.31%
Trespass	26	5	18	7	14	100.00%	0.00%
Vehicular Manslaughter	0	0	0	0	0	*N/C	*N/C
Weapon Laws	2	2	2	7	6	-14.29%	84.62%
Total Citations	1,150	899	1055	817	1037	26.93%	4.58%

*Not Calculable



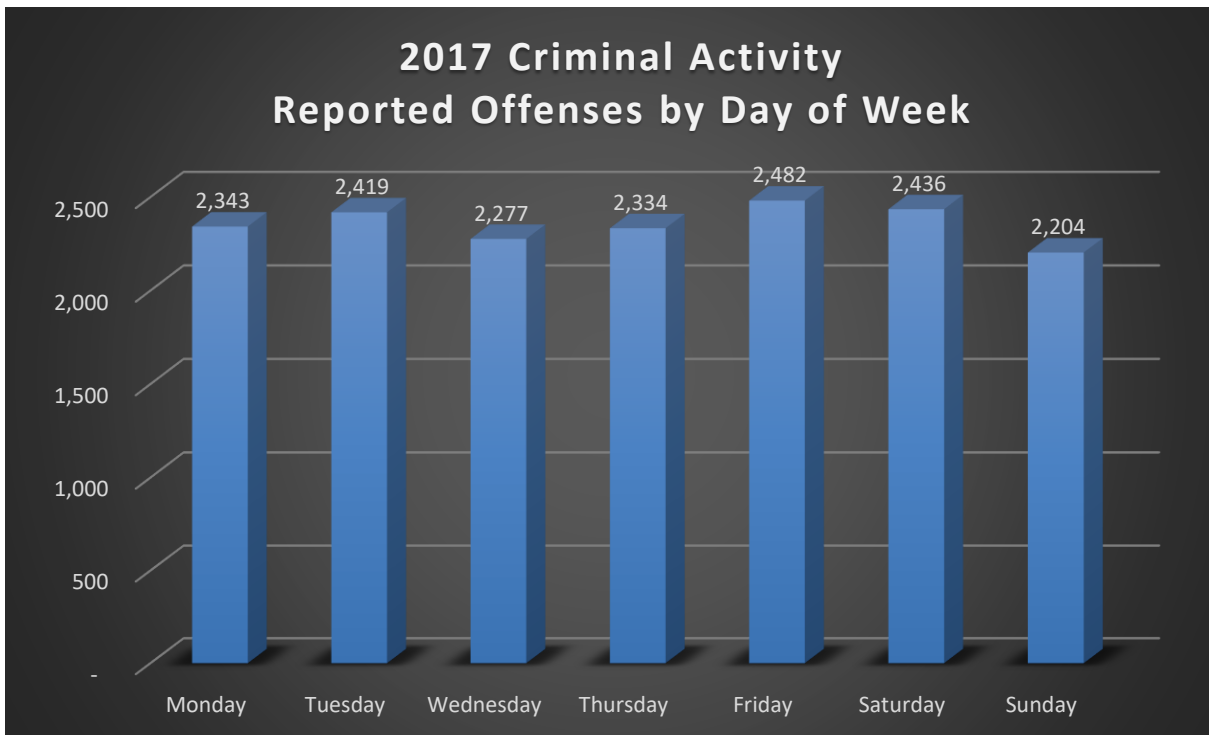
Overall total citations increased 26.93% from 2016. Disorderly Conduct offenses decreased 16.67% and Liquor Law Violations increased 69.05% from 2016. Drug Violations increased 69.12% and Drug Equipment Violations increased 38.10% The total juvenile citations were 1037, which is above the 5 Year Average of 992, a difference of 4.58%.

There were 881 individual juveniles cited in 2017, compared to 663 in 2016 that is a decrease of 32.88%.



TEMPORAL DISTRIBUTION FOR CRIMINAL REPORTS

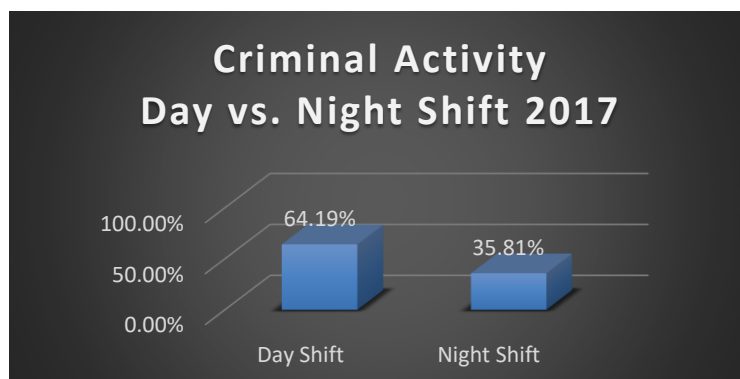
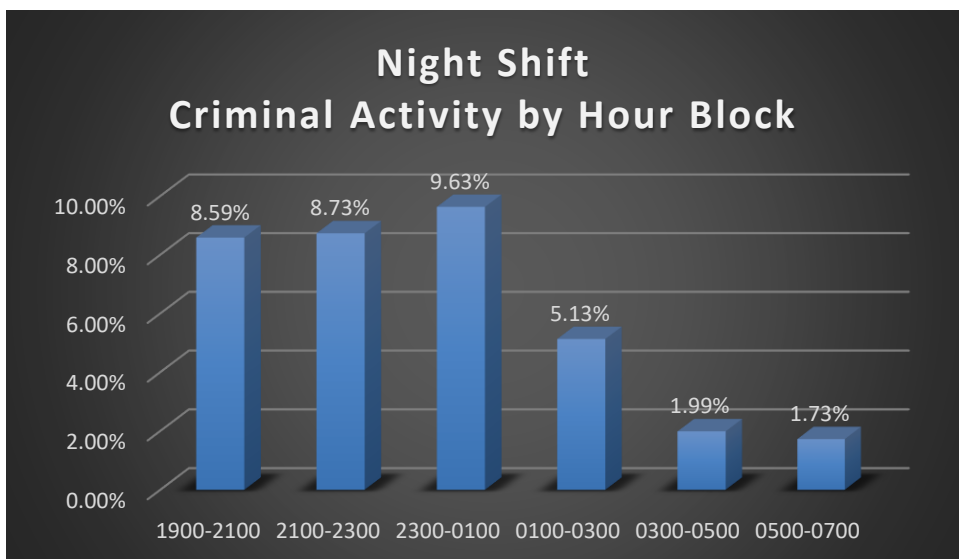
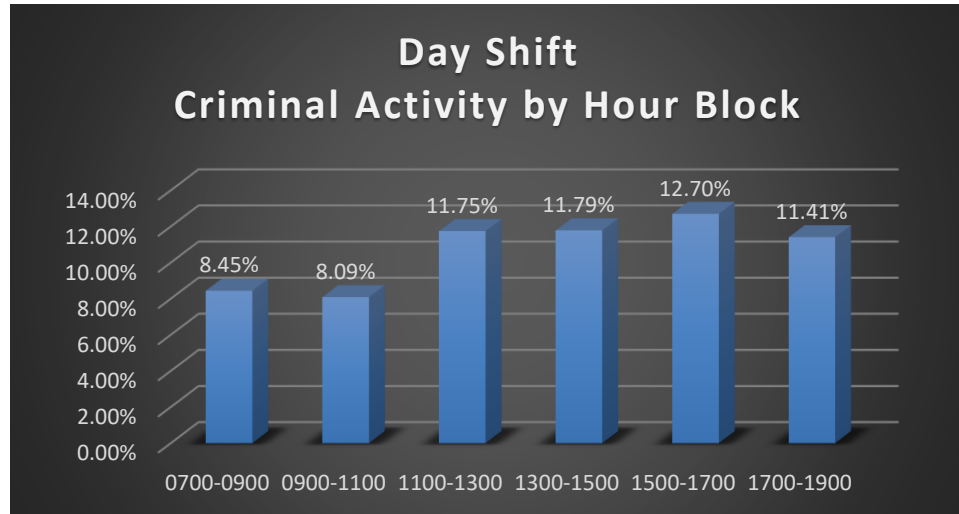
The following graphs and tables show the day of the week and hourly breakdown for all criminal offenses (where a report was made) as listed for Group A, B, and C Offenses under NIBRS. These numbers only reflect those incidents where a police report was generated and does not include those incidents that are traffic related. The time used for these tables is the “occur from” time. The police officer tries to establish the time that an offense occurs at the time of the report and often times there is a spread of hours. The day of week table charts the day that the report was filed.



Friday and Saturday reported the most offenses for the week. They are also above the average of 2,356.

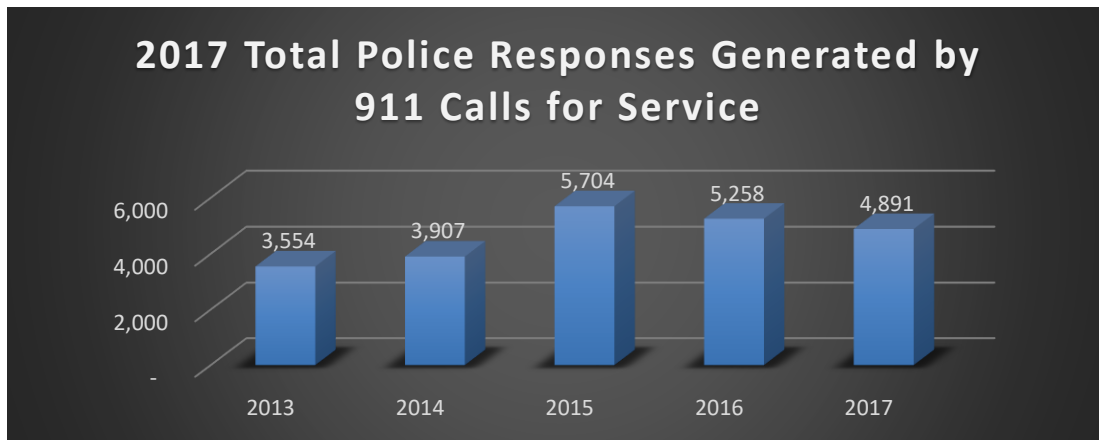


The following graphs show the criminal activity by hour block for the day shift and night shift. The day shift works a 12 hour shift which is from 0700-1900 hours and the night shift works a 12 hour shift which is from 1900-0700 hours.





CALLS FOR SERVICE



In the CAD (Computer Aided Dispatching) system, calls for service are coded by priority. The definitions are as follows:

- Priority 1 primarily traffic stops
- Priority 2 emergency responses for medical emergencies, or crimes in progress
- Priority 3 priority response, crimes not in progress but serious in nature or just occurred
- Priority 4 routine response, calls of crimes that occurred sometime before or lesser offenses
- Priority 5 administrative activities without specific crime involvement

**Bismarck Police
Officers made 21,670
Traffic Stops in 2017**

**Case Numbers Assigned
2013-2017**

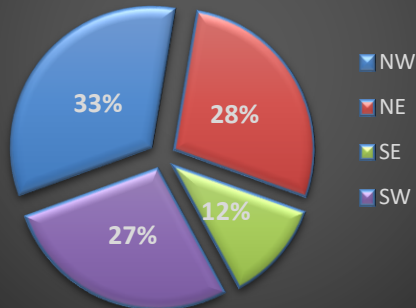
2013	24,135
2014	22,634
2015	22,901
2016	23,733
2017	25,046

**The Bismarck Police
Department responded to
43,327 Priority 2, 3 and 4 calls
for service in 2017. A total of
15,932 police reports were
generated.**

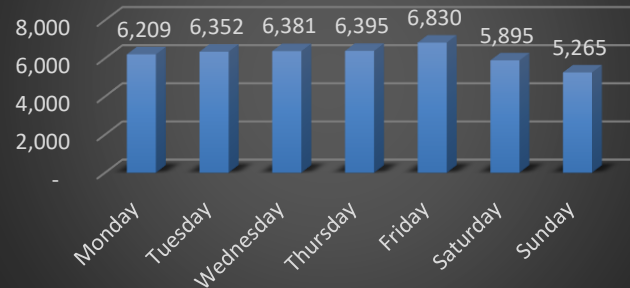
With respect to calls for service, the numbers reflect only the Priority 2, 3 and 4 calls, the ones specifically calling for a police response. The northwest part of town is accounting for 33% with both the southwest and northeast accounting nearly the same percent, differing by 209 calls. The southeast is well below the others accounting for approximately 12%. The northwest part of town has the largest amount of population and is mostly residential. The southeast area is mostly a commercial and industrial area accounting for that area experiencing the fewest calls for service.



Calls for Service by Beat Area 2017



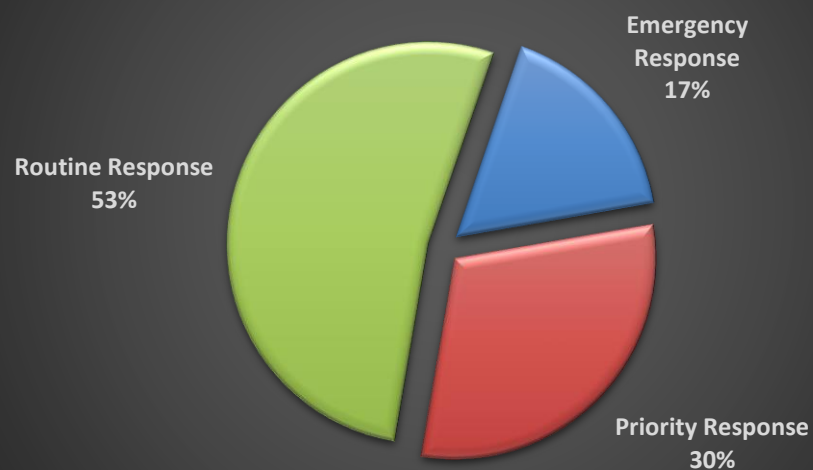
2017 Calls for Service by Day of Week

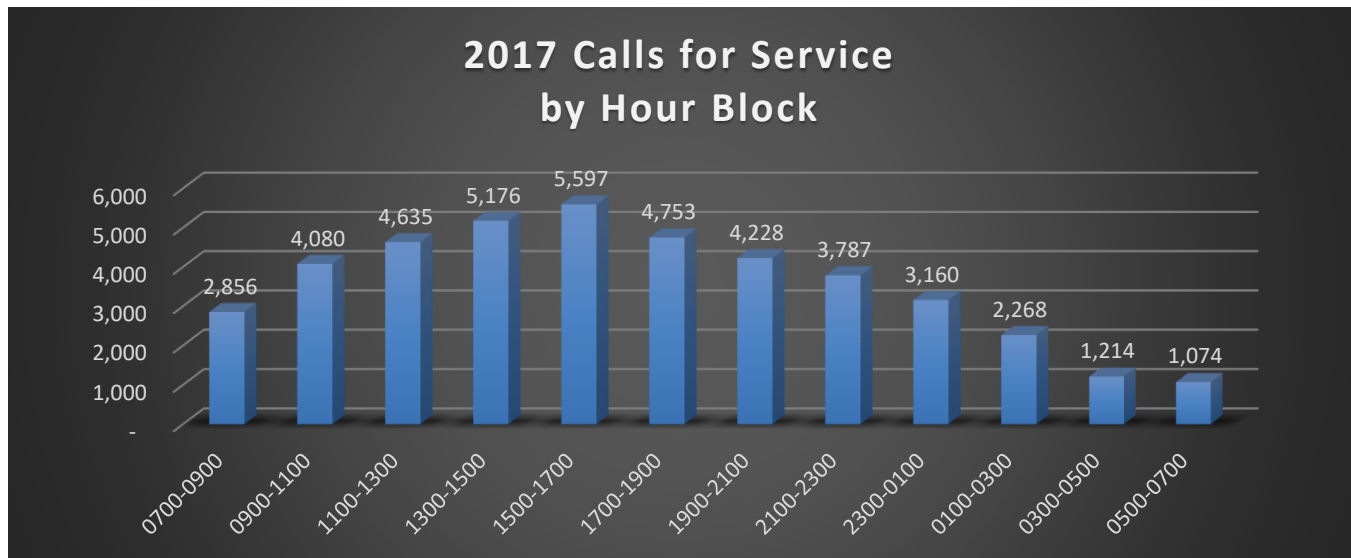


Priority 2, 3 and 4 Calls for Service by Year

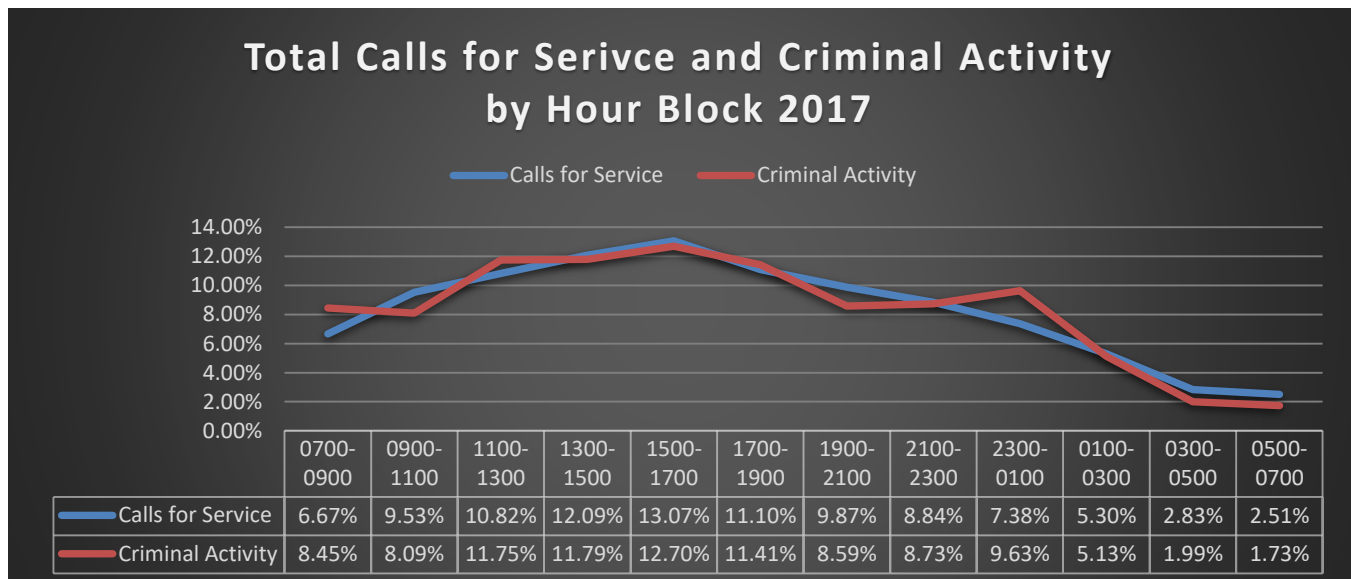
Year	Total Calls	% Change from Prior Year	% Change from 5 Year Average
2013	34,146	-5.72%	-9.61%
2014	34,130	-0.05%	-9.65%
2015	37,233	9.09%	-1.44%
2016	40,045	7.55%	6.01%
2017	43,327	8.20%	14.69%

2017 Calls for Service by Response Type





The following graph shows calls for service compared to criminal activity, which are reported in 2 hour blocks.



Since the Patrol Section compiles the highest volume of activity, we are using the hours of Patrol operation as the baseline for time study. Day shift is 0700-1900 and night shift is 1900-0700. The statistics for 2017 show 63.27% of the calls for service occur during the day shift and 36.73% occur during the night shift. Criminal activity (criminal incident reports filed with the department) was at 64.19% during the day shift and 35.81% during the night shift. The following table provides a graphical representation. More than likely, there are simple explanations for these differences. For example: there are fewer people awake at night to call in and generate a call for service, but the officers are out there working 24 hours a day, 7 days a week. While these



tables reflect only the middle priorities of calls, the CAD system recorded 116,228 separate calls for service in all priorities. Many of the more serious calls will have more than one or two officers dispatched to handle the call. As a result, the number of officers assigned to the calls for service was 131,451 for 2016. Another factor to consider is that often times a person may not be able to accurately account for the actual time that an offense occurred. They call to report the offense during the day, but the offense likely occurred during the late night or early morning hours.

Time Frame	Calls for Service	Criminal Activity
0700-1900	63.27%	64.19%
1900-0700	36.73%	335.81%



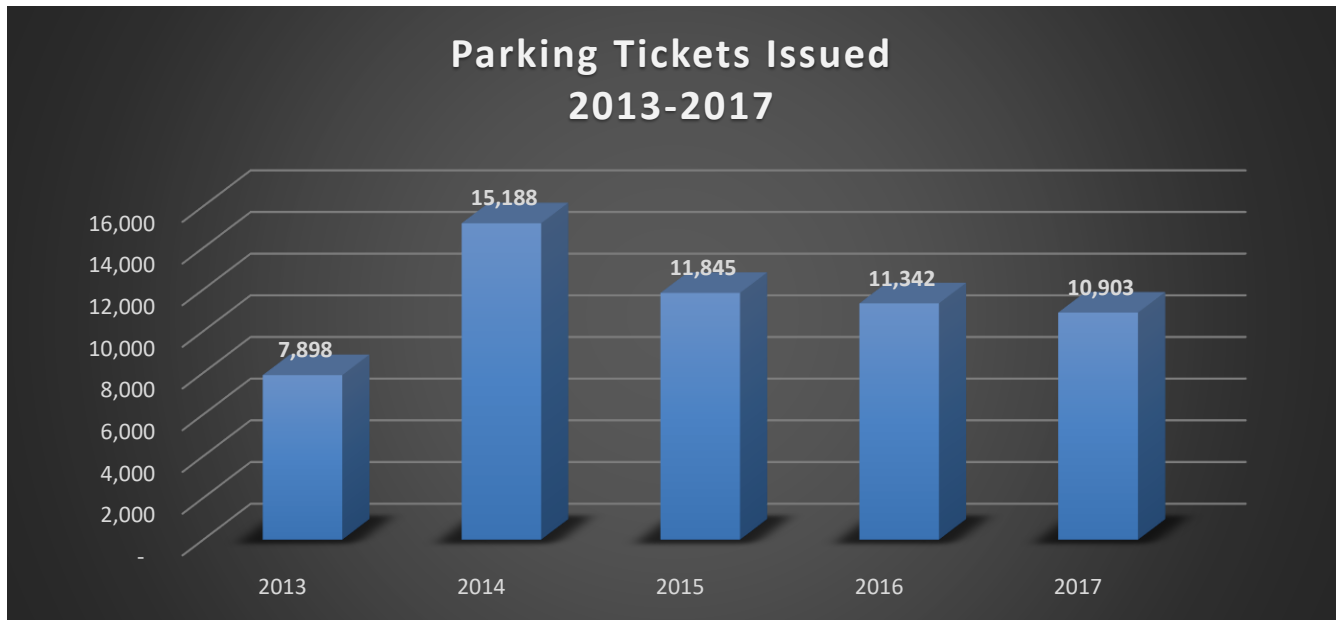
SUMMARY AND LIMITATIONS

No records management system is perfect and therefore explanations are warranted to ensure the information is not misrepresented. The following bullets represent some of these limitations:

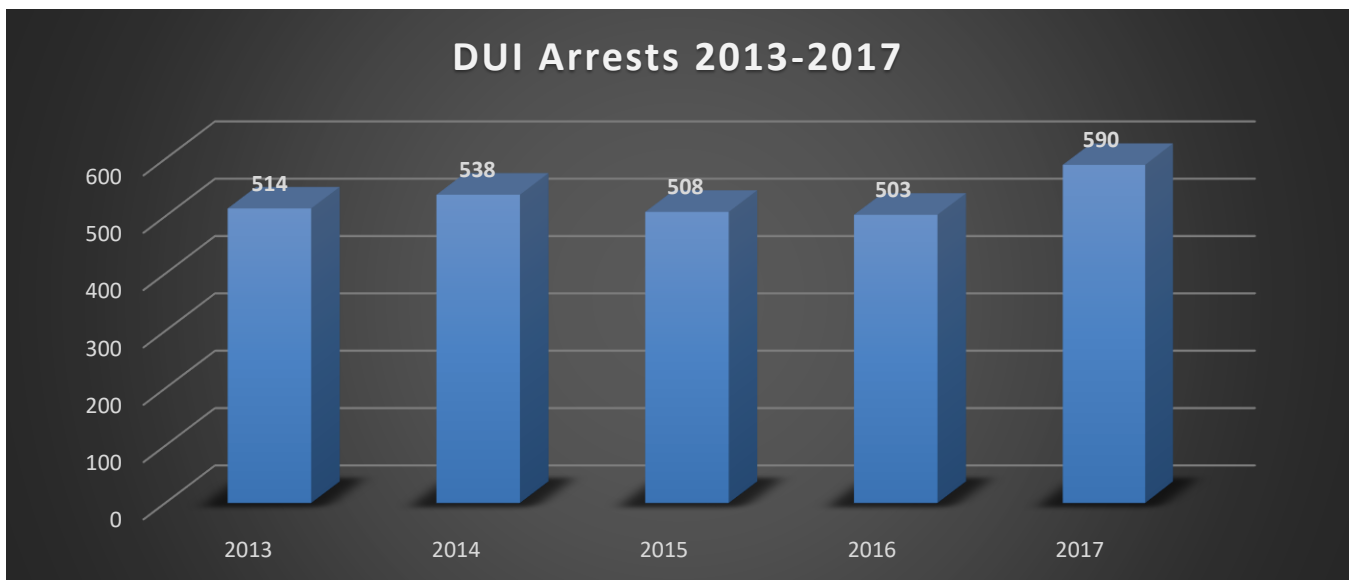
- When viewing Group C it is imperative to note that the numbers presented only represent when an officer completed a report. For example, on face value it would appear that the Bismarck Police Department responded to 94 Medical Assists (coded as Ambulance Requests). This number can be misleading to persons not familiar with the Police Department. Based on what officers on patrol normally do, officers only write reports on a fraction of the medical emergencies to which they respond.
- Another misleading figure in the Group C category would be the Loud Party classification. The report shows 16 reports, but officers actually responded to and handled 672 complaints of loud parties.
- When viewing Group C Alarm calls it shows that the Police Department had 1 Alarm call report. If a report is made on an alarm call, the call is recoded as the reported offense (i.e. Burglary, Vandalism ...). The Police Department responded to 1,427 alarms.
- Again with respect to the viewing of Group C it would appear that officers handled 194 Domestic Disputes. Here it is important to understand that if an arrest is made at a domestic dispute the report is recoded by the Records Section to reflect the charge levied against the person arrested. In actuality, officers dealt with 1,378 separate incidents with domestic relationship involved compared to 1,216 calls in 2016. This is tracked by the addition of a code to the record that indicates there is a domestic relationship between the main parties of the report, regardless of what type of incident is being reported.



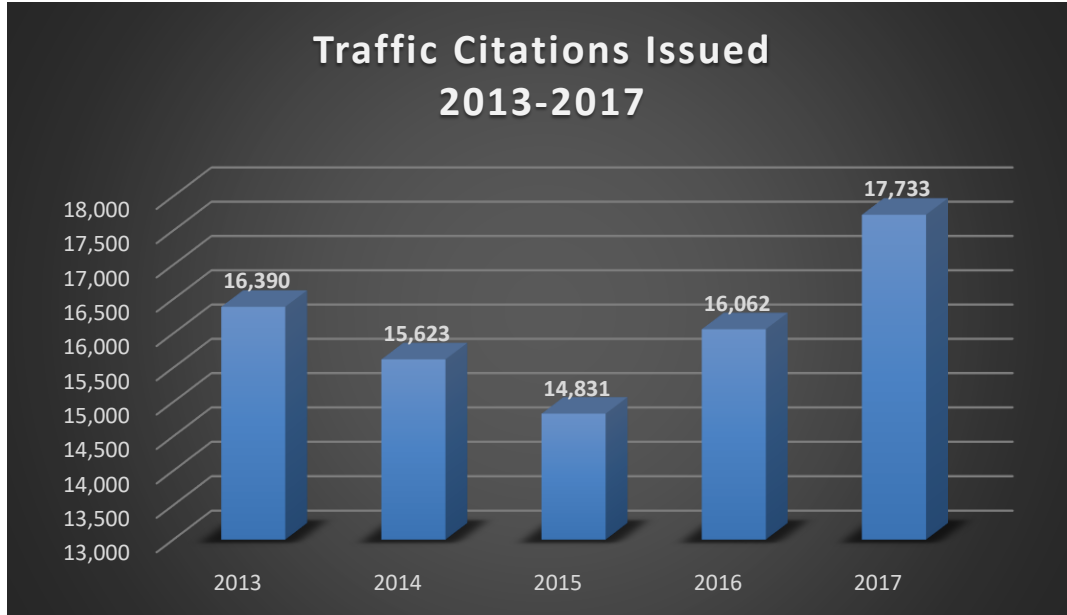
TRAFFIC ANALYSIS



The number of parking tickets decreased 439 or 4.03% in 2017 from 2016.



There were 590 individuals arrested for DUI in 2017 compared to 503 in 2016. 74.75% of those arrested were male and 25.25% were female. The average Blood Alcohol Content (BAC) for those who were tested was **0.17%** by weight. By law, it is illegal to operate a vehicle with a BAC of eight one-hundredths (.08%) of one percent by weight or higher for adults.

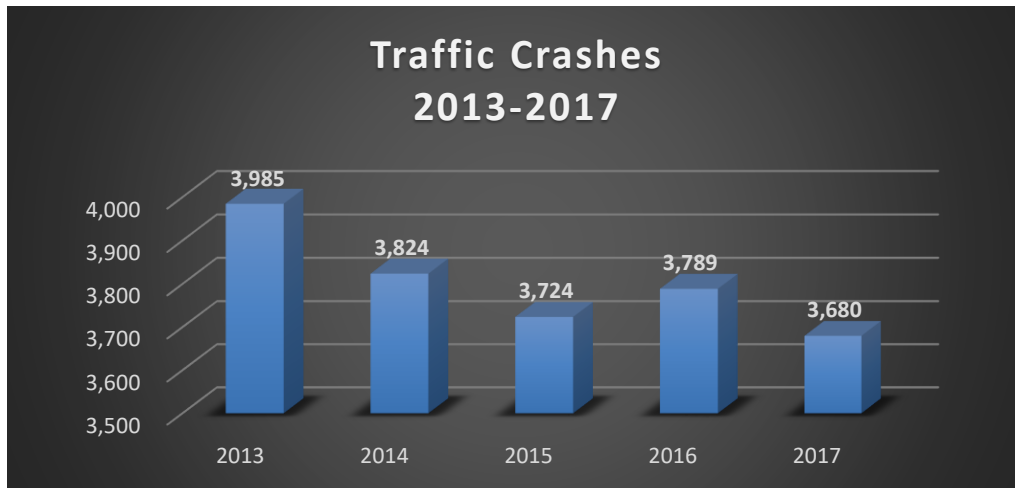


The total of Traffic Citations showed an increase of 10.40% or 1,671 citations issued. The information below shows the traffic offenses with more than 100 citations issued for the year. The ordinance title list remained the same with some slight positional changes, but these violations seem to remain consistently high every year.

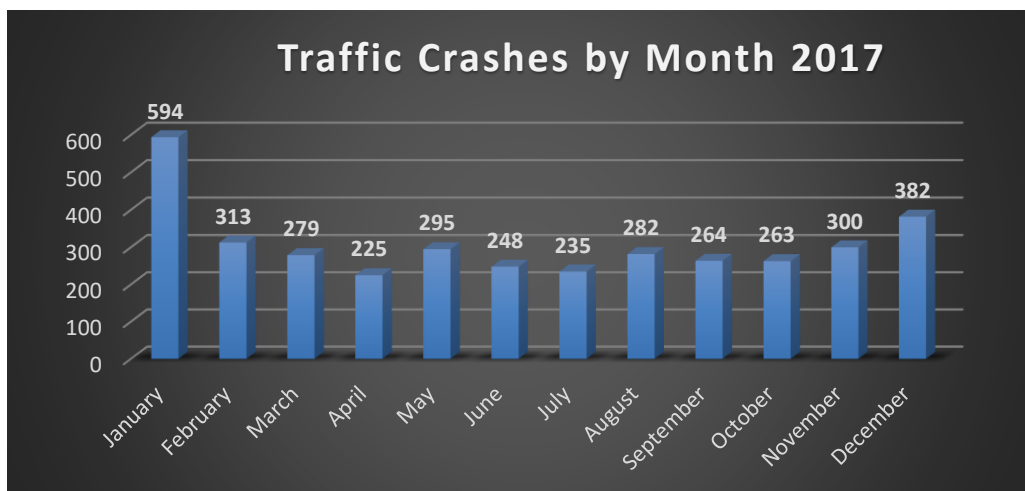
Citation Offense	2016	2017	Difference
Speed Limitations	4,005	3,959	-1.15%
No Liability Insurance (Mun Ct)	2,134	2,479	16.17%
DUS/DUR	1,510	1,928	27.68%
Violation of Registration Provision	1,300	1,702	30.92%
Care Required	1,072	1,044	-2.61%
Stop Signs & Yield Signs	769	795	3.38%
Safety Belts Required	411	475	15.57%
DUI/APC	503	590	17.30%
Traffic Control Signal Legend	425	328	-22.82%
Equipment of Motor Vehicles	657	769	17.05%
Limitations on Backing	347	310	-10.66%
No Driver's License	545	601	10.28%
Following too Closely	308	276	-10.39%
Turning Movement & Required Signal	266	371	39.47%
Restricted License	254	375	47.64%
Visible License Plate	161	178	10.56%
Obedience to Traffic Control Device	105	110	4.76%
Required Position & Method of Turn	107	139	29.91%



Type of Crash	2013	2014	2015	2016	2017	% Change 16-17
Animal Report	5	0	0	0	0	*N/C
Non-Reportable	82	42	47	28	10	-64.29%
Non-Traffic	1336	1434	1311	1270	1139	-10.31%
Traffic	2562	2348	2366	2491	2531	1.61%
Totals	3985	3824	3724	3789	3680	-2.88%



There was an decrease of 2.88% or 109 for crashes in 2017 from 2016. Weather plays a significant role in the number of crashes and a bad day can easily raise the numbers from an average of 8-10 per day to 40-50 per day. January alone accounted for 594 of the crash total. This represents 16.14% of the annual total in one month. For the year, Bismarck averaged 10.08 crashes per day. January's average was 19.80 per day.

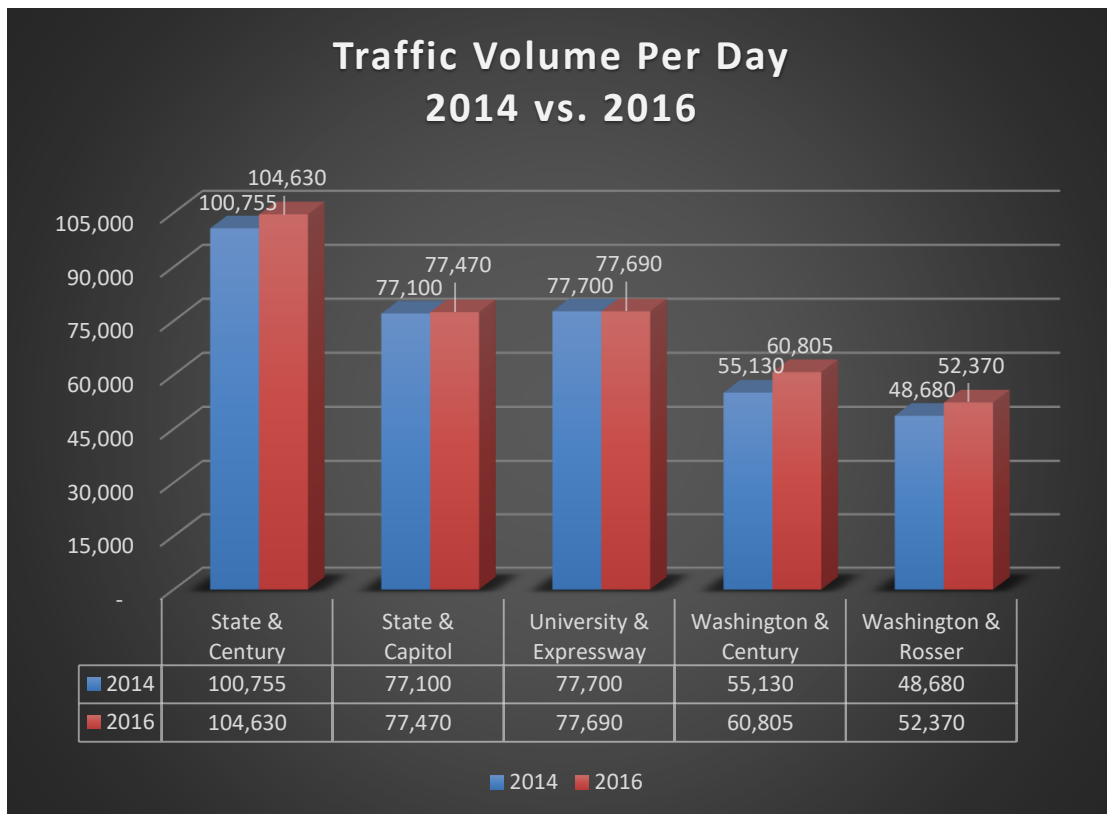




Crash Outcomes	2016	2017
Fatalities	2	3
Injuries	382	609
Damage Amount	\$13,380,022	\$11,424,500

As a result of the crashes in 2017, there were three fatalities which was one more than 2016. There were also 609 persons injured which is an increase from 382 persons injured in 2016. The injuries ranged from a minor cut or abrasion to permanent disfigurement/disability. The estimated property damage as a result of these 2017 crashes was \$11,424,500 which is a decrease of \$1,955,522 from \$13,380,022 in 2016.

The table below shows the Traffic Volume for the five busiest intersections in Bismarck.



Comparing the NDDOT 2014 Traffic Volume Map to 2016 there is an average increase of 3.78% of traffic volume for these five intersections in the city of Bismarck. The traffic volume is measured by NDDOT.

When comparing 2014 traffic crashes to 2016 traffic crashes there was a .92% decrease. There was no Traffic Volume study done in 2017.